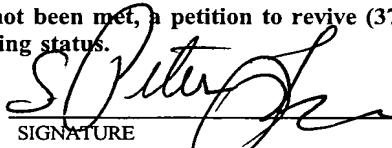


FORM PTO-1390 (REV. 9-2001) TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 0136/0K432US0
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/089473 Not Yet Assigned	
INTERNATIONAL APPLICATION NO. PCT/KR00/00809	INTERNATIONAL FILING DATE 26 March 2002	PRIORITY DATE CLAIMED	
TITLE OF INVENTION NOVEL PROTEIN DERIVED FROM AGKISTRODON SAXATILIS EMELIANOV AND PROCESS FOR PREPARING THE SAME			
APPLICANT(S) FOR DO/EO/US Kwang-Hoe CHUNG; Doo-Sik KIM; Sung-Yu HONG; You-Seok KOH; Young-Doug SOHN; Weon-Kyoo YOU; Yang-Soo JANG; Chin-Kyu HUH			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))</p> <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>			
<p>Items 11 to 20 below concern document(s) or information included:</p> <p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A FIRST preliminary amendment.</p> <p>14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: 1. Declaration concerning deposited microorganism or other biological matter 2. Statement Pursuant to Rule 1.821(f); Paper Copy of Sequence Listing</p>			
<p>EX-136-MAIL CERTIFICATE Date <u>9/26/02</u> Label No. <u>EV 039141083415</u></p> <p>I hereby certify that, on the date indicated above, the paper copy of this application was deposited with the U.S. Postal Service in an envelope addressed for delivery to the Assistant Commissioner for Patents, Washington, DC 20231 by "Express Mail Post Office to Addressee" service.</p>			

U.S. APPLICATION NO. (if known, see 37 CFR 1.57) 101089473 Not Yet Assigned	INTERNATIONAL APPLICATION NO. PCT/KR00/00809	ATTORNEY'S DOCKET NUMBER 0136/OK432US0																									
<p>21. <input checked="" type="checkbox"/> The following fees are submitted:</p> <p>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):</p> <p>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1040.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$890.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$740.00</p> <p>International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$710.00</p> <p>International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00</p> <p style="text-align: center;">ENTER APPROPRIATE BASIC FEE AMOUNT =</p>		CALCULATIONS PTO USE ONLY																									
<p>Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</p>		\$ 1040.00																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">CLAIMS</th> <th style="width: 20%;">NUMBER FILED</th> <th style="width: 20%;">NUMBER EXTRA</th> <th style="width: 20%;">RATE</th> <th style="width: 20%;">\$</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>8 - 20 =</td> <td>0</td> <td>x \$18.00</td> <td>\$</td> </tr> <tr> <td>Independent claims</td> <td>4 - 3 =</td> <td>1</td> <td>x \$84.00</td> <td>\$ 84.00</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td></td> <td>+ \$280.00</td> <td>\$</td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL OF ABOVE CALCULATIONS</td> <td></td> <td>=</td> <td style="text-align: right;">\$ 1124.00</td> </tr> </tbody> </table>		CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	Total claims	8 - 20 =	0	x \$18.00	\$	Independent claims	4 - 3 =	1	x \$84.00	\$ 84.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$280.00	\$	TOTAL OF ABOVE CALCULATIONS			=	\$ 1124.00	\$
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TOTAL OF ABOVE CALCULATIONS			=	\$ 1124.00																							
<p><input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.</p>		+ \$ 562.00																									
<p style="text-align: right;">SUBTOTAL</p>		\$ 562.00																									
<p>Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</p>		\$																									
<p style="text-align: right;">TOTAL NATIONAL FEE</p>		\$ 562.00																									
<p>Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property</p>		+ \$ 40.00																									
<p style="text-align: right;">TOTAL FEES ENCLOSED</p>		\$ 602.00																									
<p><input type="checkbox"/> Amount to be refunded:</p>		\$																									
<p><input type="checkbox"/> charged:</p>		\$																									
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$ 602.00 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-0100. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>																											
<p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.</p>																											
<p>SEND ALL CORRESPONDENCE TO:</p> <p>S. Peter Ludwig, Esq. Darby & Darby, P.C. 26th Floor 805 Third Avenue New York, New York 10022-7513 Phone - 212.527.7700</p>																											
<p> SIGNATURE S. Peter Ludwig</p>																											
<p>NAME 25,351</p>																											
<p>REGISTRATION NUMBER</p>																											

EXpress MAIL CERTIFICATE

Date 3-26-02 Label No. EV03914108348
I hereby certify that, on the date indicated above, this paper or
file was deposited with the U.S. Postal Service & that it was
addressed for delivery to the Assistant Commissioner for
Patents, Washington, DC 20231 by "Express Mail Post-Office
Delivery" service.

GKARASZI *G.Karaszi*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): CHUNG, Kwang-Hoe, et al.

Serial No.:

Group Art Unit:

Filed:

Examiner:

For: NOVEL PROTEIN DERIVED FROM AGKISTRODON SAXATILIS
EMELIANOV AND PROCESS FOR PREPARING THE SAME

Honorable Commissioner of
Patents and Trademarks
Washington, D.C. 20231

DECLARATION

I, CHUNG, Kwang-Hoe, one of coinventors of the above-
identified application, do hereby declare and state as
follows:

1. The strain *Pichia pastoris* Y/pPSAX (Accession No.
KCCM-10201) has been deposited with the Korean Culture
Center of Microorganisms (KCCM), the international
depository authority located at 361-221, Yurim B/D, Hongje-
dong, Seodaemun-gu, Seoul 120-091, Republic of Korea, under
the terms of the Budapest Treaty.

2. In support of the statement, a copy of the

deposit receipt for *Pichia pastoris* Y/pPSAX is attached herewith.

3. The strain will be irrevocably and without restriction of condition released to the public upon the issuance of U.S. Patent citing the above strain.

4. The strain is available, and will be available during pendency of the application, to one determined by the Commissioner of Patents and Trademarks to be entitled thereto under 37 C.F.R. § 1.14 and 35 U.S.C. § 122.

5. I declare that all statements made herein are based on personal knowledge or upon information and belief and are believed to be true; and, further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and such willful false statements may jeopardize the validity of the above-identified application or any patent issuing thereon.

Date: May 7, 2002


CHUNG, Kwang-Hoe